PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER					
DESIGNATED/ELECTED OFFICE (DO/EO/US)	09931-00049-US U.S. APPLIGATION (1000) Sec. 37 (1000) R 1.5)					
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	10/99/97					
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/EP2004/003860 13 April 2004	PRIORITY DATE CLAIMED 17 April 2003					
TITLE OF INVENTION: METHOD FOR CONTROLLING THE MOLECU						
POLY(ARYLENE VINYLENE) SYNTHESIS, AND POLYMERS PRODUCED THEREWITH						
APPLICANT(S) FOR DO/EO/US: Hubert Spreitzer et al.						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/	US) the following items and other information:					
1. X This is a FIRST submission of items concerning a submission under 35 U.	S.C. 371.					
2. This is a SECOND or SUBSEQUENT submission of items concerning a su	ubmission under 35 U.S.C. 371.					
3. x This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. X The US has been elected (Article 31).						
5. x A copy of the International Application as filed (35 U.S.C. 371 (c)(2))						
a. x is attached hereto (required only if not communicated by the International Bureau).						
b. has been communicated by the International Bureau.						
c. is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. x An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
a. x is attached hereto.						
b. has been previously submitted under 35 U.S.C. 154(d)(4).	·					
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
a. are attached hereto (required only if not communicated by the International Bureau).						
b. have been communicated by the International Bureau.						
c. have not been made; however, the time limit for making such amendn	nents has NOT expired.					
d. have not been made and will not be made.						
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9. x An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included:						
11. x An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13. x A preliminary amendment.						
14. x An Application Data Sheet under 37 CFR 1.76.						
15. A substitute specification.						
16. A power of attorney and/or change of address letter.						
17. A computer-readable form of the sequence listing in accordance with Po	CT Rule 13 <i>ter.</i> 2 and 37 CFR 1.821 – 1.825.					
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
1 to 10 to 1						

JC20 Rec'd PCT/PTO 17 OCT 2005

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			INTERNATIONAL APPLI		ion no. 4/003860	ATTORNEY'S DOCKET NUMBER 09931-00049-US			
20. x Other items or information: Form PCT/RO/101 with Inventor Declaration attached, Forms PCT/IB/304, 308, and 371, amendment to claim 11 and the English translation of the amendmentForm PCT/IPEA/409, Postcard, Certificate of Express Mail									
The foll	owing fe	es have	been submitte	ed			CALCULATION	s	PTO USEONLY
21. x Basic	c nationa	l fee (3	7 CFR 1.492 <u>(</u> a))		\$300	\$ 300.0	$\overline{}$	
22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations						\$ 200.0	00		
23. x Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 400.00				
	TOTAL O	F 21, 22	and 23 =				\$ 900.0	00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sh	eets	Number of each additional 50 or fraction thereof (round up to a whole number)						
39 -100=		/50 =			i	x \$250.00	\$		
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$				
CLAIMS	;	NUM	BER FILED	NUMBER EXTRA		RATE			
Total clair	ns	1	7 - 20 =		×		0.00		
Independent	1		2 - 3 =		×		0.0	00	
MULTIPLE DEP	ENDENT (CLAIM(S) (if applicable)		+				
TOTAL OF ABOVE CALCULATIONS =					VE CALCULATIONS =	\$ 900.0	00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.									
						SUBTOTAL =	\$ 900.0	00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$					
TOTAL NATIONAL FEE =				\$ 900.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$					
TOTAL FEES ENCLOSED =				\$ 900.00		900.00			
							Amount to be refunded:	\$	
				·			Amount to be charged	\$	

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Application No. (if known): Not Yet Assigned

Attorney Docket No.: 09931-00049-US

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV622758261US in an envelope addressed to:

> MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

J. Lynn Ferry Typed or printed name of person signing Certificate (302) 658-9141 Registration Number, if applicable Telephone Number

Note:

Each paper must have its own certificate of mailing, or this certificate must identify

each submitted paper.

Transmittal Letter to the United States Designated-Elected Office

Fee Transmittal

Application Data Sheet

Copy of the International application with search report attached

Form PCT/RO/101 with Inventor Declaration attached

Forms PCT/IB/304, 308, and 371

Form PCT/IPEA/409

English language translation of the International application

Preliminary Amendment

Information Disclosure Statement, SB08, with references

Postcard

Authorization to charge \$900.00 to deposit account 03-2775

JC20 Rec'd PCT/PTO 17 OCT 2005

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of the analysis of the production of information unless it discusses and the commence of the production of information unless it discusses and the production of information unless it discusses and the production of information unless it discusses and the production of the p

Under the Paperwork Reduction Act of	respond to a collection				oi pumber.		
Effective on 12/08. Fees pursuant to the Consolidated Approp	Application Number New Assigned						
·	Filing Date		Concurrently Herewith				
FEE TRANS	First Named Inv		Hubert Spreitzer				
For FY 20	Examiner Name						
Applicant claims small entity state	us. See 37 CFR 1 27	N//A					
TOTAL AMOUNT OF PAYMENT	Art Unit N/A Attorney Docket No. 09931-00049-US						
	(\$) 900.00	1,					
METHOD OF PAYMENT (check	all that apply)						
Check Credit Card	Money Order No	one Other (please identif	y):			
X Deposit Account Deposit Account	Number: 03-2775 Deposit Ad	count Name:	Connolly	Bove Lodge 8	& Hutz LLP		
For the above-identified dep	osit account, the Director	is hereby authorize	d to: (check	all that apply)			
x Charge fee(s) indicate	d below	Charge	e fee(s) indic	cated below, ex	cept for the fil	ing fee	
Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17							
FEE CALCULATION							
1. BASIC FILING, SEARCH, AND E							
F	LING FEES SE Small Entity	ARCH FEES Small Entity	EXAMINA	ATION FEES Small Entity			
Application Type Fee (S			Fee (\$)	Fee (\$)	Fees Paid	(\$)	
Utility 300	150 500	250	200	100	900.00	<u> </u>	
Design 200	100 100	50	130	65			
Plant 200	100 300	150	160	80			
Reissue 300	150 500	250	600	300			
Provisional 200	100	0	0	0			
2. EXCESS CLAIM FEES		•			Sma	II Entity	
Fee Description					Fee (\$) Fe	e (\$)	
Each claim over 20 (including Reiss	<i>'</i>				50	25	
Each independent claim over 3 (inc	luding Reissues)				200	100	
Multiple dependent claims					360	180	
Total Claims Extra Claims	Fee (\$) Fee	Paid (\$)	<u>Mul</u>	tiple Depende	nt Claims		
1720 =	× =		Fee (\$) Fee P				
Indep. Claims Extra Claims	Fee (\$) Fee	Paid (\$)	-				
2 -3=	x = =						
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer							
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50							
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets							
4. OTHER FEE(S) Fees Paid (\$)							
Non-English Specification. \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00							
1633 National Stage Examination Fee - all other 200.00 1642 National Stage Search Fee - search report 400.00							
SUBMITTED BY Project relief No.							
Signature ()	Janes	Registration No. (Attorney/Agent)	35,646	Telephone	(302) 658-91	41	
Name (Print/Type) Ashley I. Pezzne	rUB			Date 10/	17/05		